

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/056404 A1

(51) International Patent Classification⁷: B65D 30/08,
30/14, 33/18, B31B 1/62, B65B 7/02

(21) International Application Number:
PCT/AU2004/001727

(22) International Filing Date: 9 December 2004 (09.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003906845 9 December 2003 (09.12.2003) AU

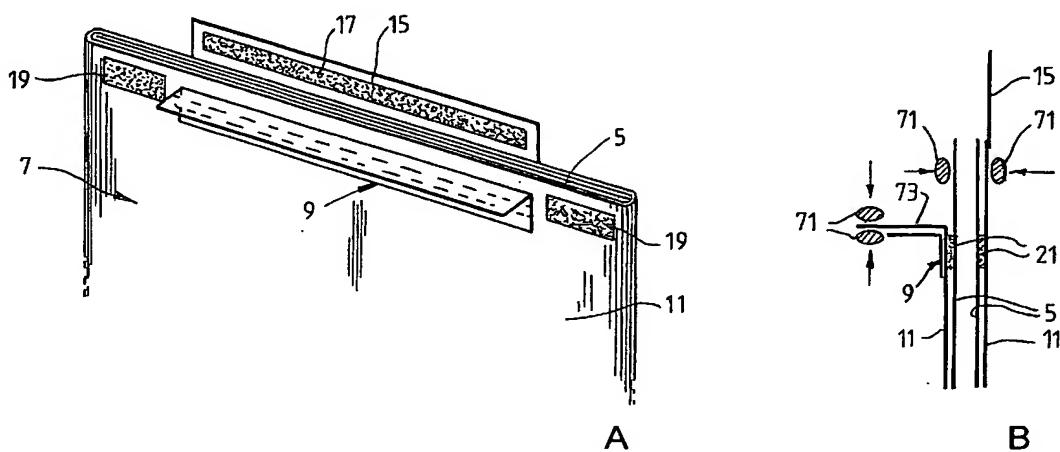
(71) Applicant (for all designated States except US): AMCOR LIMITED [AU/AU]; 679 Victoria Street, Abbotsford, Victoria 3067 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DALGLEISH, Adrian [AU/AU]; 90 St Georges Road, Whittlesea, Victoria 3757 (AU). CHALLIS, Larry, Thomas [AU/AU]; 90 Fourteenth Avenue, Eden Park, Victoria 3757 (AU).

(74) Agent: GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(54) Title: BULK PACKAGING MULTI-WALL SACK AND APPARATUS FOR MANUFACTURING THE SACK



(57) Abstract: A multi-wall sack comprises a polymeric inner pouch (5) and a paper outer bag (7). The outer bag has a rear side with an upstanding top flap (15) and attached to a front side (11) is a cover sheet (9) having an easy open tear strip (13). The sack has a top end that (a) is open in the as-manufactured form of the sack, and (b) can be closed to form a top block end. The sack has pressure sensitive adhesive (21) that connects together the inner pouch with the rear and front sides of the outer bag at the top end. The adhesion is greater on one of front or rear sides to enable detachment of the inner pouch from one side of the outer bag after heat sealing the inner pouch closed. When the open end of the sack is folded to form a closed top block end, the top flap with a heat-activated or hot-melt adhesive strip (17) is adhered to an upper portion (9b) of the cover sheet (9).

WO 2005/056404 A1